

Title (en)

COATING COMPOSITIONS CONTAINING (METH)ACRYLIC RESINS HAVING SILANE GROUPS

Title (de)

BESCHICHTUNGSZUSAMMENSETZUNGEN MIT (METH)ACRYLHARZEN MIT SILANGRUPPEN

Title (fr)

COMPOSITIONS DE REVÊTEMENT CONTENANT DES RÉSINES (MÉTH)ACRYLIQUES COMPORTANT DES GROUPES SILANE

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Application

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Abstract (en)

[origin: WO2021018945A1] The present invention relates to a coating composition comprising one or more (meth)acrylic polymers comprising moieties of formula (I) $\text{*}-\text{C}(=\text{O})-\text{O}-\text{CH}_2-\text{Si}(\text{Ra})_3-\text{x}(\text{Rb})_x$ wherein Ra = m ethoxy; Rb = an alkyl group containing 1 to 4 carbon atoms or an alkoxy group containing 1 to 4 carbon atoms; x being 0 or 1; and the asterisk * denoting the position at which the moiety of formula (I) is attached to the polymeric backbone of the (meth)acrylic polymer; further containing one or more catalysts of formula (II) $\text{H}_3\text{C}-\text{C}(\text{Rc})(\text{Rd})-\text{C}(=\text{O})-\text{O}-\text{M}^+$ wherein Rc and Rd = alkyl groups containing 1 to 6 carbon atoms, with the proviso that the sum of the number of carbon atoms in residues Rc and Rd ranges from 2 to 7, and M = for Li, K or Na; and further containing one or more aprotic organic solvents. The present invention further relates to a method of coating a substrate with the coating compositions and therewith coated substrates as well as multilayer coatings and a substrate coated with such multilayer coating.

IPC 8 full level

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